

## **Abstract**

**Software Requirement Specification (SRS) is an important document in Requirement Engineering. This document is a baseline to develop a software product. However, the number of defects that can be found in the SRS, especially the use of ambiguous natural language causing many organization failed to deliver software product that really satisfy customer requirements. This happen in Diskominfo, where the made products often does not match with the requirements. Therefore, this research will be conducted by building a tool for assessing SRS characteristics automatically using Quality Assessment Method and natural language processing. This method was chosen because it can assess the characteristics of SRS objectifically. The characteristic that will be assessed is unambiguous characteristic so the requirement data will be processed using natural language processing first before using Quality Assessment and then documented into a metric. Lastly, testing is conducted by comparing the result of quality assessment between input document and document that has been modified manually. The conclusion of this research is a value of SRS characteristic and parts that need improvement based on the use of natural language in the document.**

**Keywords: Quality Assessment Method, Software Requirement Specification, Natural Language Processing, Requirement Engineering**